



PTO/SB/08A (04-03)
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6 Subtitle for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 4

Complete if Known

Application Number	10/729,222 (Conf #9553)
Filing Date	5 December 2003
First Named Inventor	Peter G. KLIMKO et al.
Art Unit	1614
Examiner Name	
Attorney Docket Number	2443 US

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
WR	A1	US- 5,994,339	11/30/1999	Crapo et al.	
	A2	US- 6,127,356	10/03/2000	Crapo et al.	
	A3	US- 6,177,419	01/23/2001	Campbell et al.	
	A4	US- 6,180,620	01/30/2001	Salvemini	
	A5	US- 6,214,817	04/10/2001	Riley et al.	
WR	A6	US- 6,541,490	04/01/2003	Campbell et al.	
	A7	US-			
	A8	US-			
	A9	US-			
	A10	US-			
	A11	US-			
	A12	US-			
	A13	US-			
	A14	US-			
	A15	US-			
	A16	US-			
	A17	US-			
	A18	US-			
	A19	US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
WR	A20	WO 98/58636 A1 and A2	12/30/1998	G.D. Searle		
	A21	WO 00/07584 A2 and A3	02/17/2000	Wisconsin Alumni		
	A22	WO 00/19993 A2 and A3	04/13/2000	Brownlee		
	A23	WO 00/72893 A2 and A3	12/07/2000	Monsanto Co.		
	A24					
	A25					

Examiner Signature	<i>Chet Chowdhury</i>	Date Considered	9/8/2006
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Sheet	2	of	4	Attorney Docket Number	2443 US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
UB	B1	Allikmets R, et al., "Mutation of the Stargardt Disease Gene (ABCR) in Age-Related Macular Degeneration", Science, 277:1805-1807 (1997). Listed as "Dean" in application.	
	B2	Baker et. al., "Synthetic Combined Superoxide Dismutase/Catalase Mimetics Are Protective as a Delayed Treatment in a Rat Stroke Model: A Key Role for Reactive Oxygen Species in Ischemic Brain", J. Pharmacol. Exp. Ther., Vol. 284:215-221, 1998	
	B3	Ben-Shabat et al., "Fluorescent Pigments of the Retinal Pigment Epithellum and Age-Related Macular Degeneration", BIOORGANIC & MEDICINAL CHEMISTRY LETTERS, 11:1533-1540, 2001. Listed as "Nakanishi" in application.	
	B4	Bowler et. al., "A Catalytic Antioxidant (AEOL 10150) Attenuates Expression Of Inflammatory Genes In Stroke", Free Radical Biology & Medicine, Vol. 33(8):1141-1152, 2002	
	B5	Brownlee, M., "Biochemistry and Molecular Cell Biology of Diabetic Complications", Nature, Vol. 414:813-820, 2001	
	B6	Coppey, et al., "Effect of M40403 Treatment of Diabetic Rats on Endoneurial Blood Flow, Motor Nerve Conduction Velocity and Vascular Function of Epineural Arterioles of the Sciatic Nerve," British Journal of Pharmacology, Vol. 134:21-9, 2001 (M40403)	
	B7	Doctrow et. al., "Salen-Manganese Complexes as Catalytic Scavengers of Hydrogen Peroxide and Cytoprotective Agents: Structure-Activity Relationship Studies", J. Med. Chem., 45:4549-4558 (2002)	
	B8	Gürler, et al., "The Role of Oxidative Stress in Diabetic Retinopathy" Eye, Vol. 14:730-735, 2000	
	B9	Guzik, et al., "Mechanisms of Increased Vascular Superoxide Production in Human Diabetes Mellitus" Circulation, Vol. 105:1656-62, 2002	
UB	B10	Kimura K et al., "Genetic Association of Manganese Superoxide Dismutase With Exudative Age-related Macular Degeneration", AMERICAN JOURNAL OF OPHTHALMOLOGY, 130(6):769-773 (2000). Listed as "Isashiki" in the application.	

Examiner Signature	<i>Chait Lench</i>	Date Considered	9/8/2006
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		Art Unit	1614		
		Examiner Name			
Sheet	3	of	4	Attorney Docket Number	2443 US

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UL	C1	Mackensen et. al., "Neuroprotection from Delayed Postischemic Administration of a Metalloporphyrin Catalytic Antioxidant", Journal of Neuroscience, Vol. 21(13):4582-4592, 2001	
	C2	Mata NL et al., "Biosynthesis of a major lipofuscin fluorophore in mice and humans with ABCR-mediated retinal and macular degeneration", Proc. Natl. Acad. Sci. USA, 97(13):7154-7159 (2000). Listed as "Travis" in the application.	
	C3	Melov et. al., "Lifespan Extension and Rescue of Spongiform Encephalopathy in Superoxide Dismutase 2 Nullizygous Mice Treated with Superoxide Dismutase-Catalase Mimetics", J. Neurosci., Vol. 21:8348-8353, 2001	
	C4	Parish et al. (Nakanishi), "Isolation and one-step preparation of A2E and iso-A2E, fluorophores from human retinal pigment epithelium", Proc. Natl. Acad. Sci. USA, 95:14609-14613, 1998	
	C5	Piganelli, et al., "A Metalloporphyrin-Based Superoxide Dismutase Mimic Inhibits Adoptive Transfer of Autoimmune Diabetes by a Diabetogenic T-cell Clone," Diabetes, Vol. 51:347-55, 2002	
	C6	Salvemini D, et. al., "A Nonpeptidyl Mimic of Superoxide Dismutase with Therapeutic Activity in Rats", Science, Vol. 286:304-306, 1999	
	C7	Salvemini, et al., "M40403 Superoxide Dismutase Mimetic", Drugs of The Future, 25(10):1027-1033, 2000	
	C8	Shamsi and Boulton, "Inhibition of RPE Lysosomal and Antioxidant Activity by the Age Pigment Lipofuscin", Invest. Ophthalmol. Vis. Sci., Vol. 42:3041-3046, 2001	
	C9	Shurtz-Swirski et al., "Involvement of Peripheral Polymorphonuclear Leukocytes in Oxidative Stress and Inflammation in Type 2 Diabetic Patients," Diabetes Care, Vol. 24:104-110, 2001	
UL	C10	Wang et. al., "Tempol, A Superoxide Dismutase Mimic, Ameliorates Light-Induced Retinal Degeneration", Res. Commun. Mol. Pathol. Pharmacol., 89(3):291-305, 1995	

Examiner Signature	<i>Chetcheal</i>	Date Considered	9/8/2006
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known	
		Application Number	10/729,213 (Conf. #9504)
		Filing Date	5 December 2003
		First Named Inventor	Peter G. KLIMKO et al.
		Art Unit	1651
		Examiner Name	
Attorney Docket Number	2444 US		
Sheet	4	of	4

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
UR	D1	Wassell et al., "The Photoreactivity of the Retinal Age Pigment Lipofuscin", J Biol. Chem., 274:23828-23832 (1999) listed as "Boulton" in application	
UR	D2	Wihlmark et al., "Lipofuscin Accumulation In Cultured Retinal Pigment Epithelial Cells Causes Enhanced Sensitivity To Blue Light Irradiation", Free Radical Biol. Med, 22:1229-1234, 1997	
UR	D3	Winkler, et. al., "Oxidative damage and age-related macular degeneration", Mol. Vision, Vol. 5:32, 1999	

Examiner Signature	<i>Chaitalewail</i>	Date Considered	9/8/2006
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		Application Number	10/729,213
		Filing Date	5 December 2003
		First Named Inventor	Peter G. KLIMKO, et al.
		Art Unit	1651
		Examiner Name	
Sheet 1 of 1	Attorney Docket Number	2444 US	

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		Number-Kind Code ² (if known)			
UR	A1	US- 5,439,570	08/08/1995	Sessler et al.	
UR	A2	US- 5,798,349	08/25/1998	Levy et al.	
UR	A3	US- 5,994,339	11/30/1999	Crapo et al.	
	A4	US-			
	A5	US-			
	A6	US-			
	A7	US-			
	A8	US-			
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		Country Code ³ *Number ⁴ *Kind Code ⁵ (if known)	MM-DD-YYYY			
	A20					
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	A24					
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Examiner Signature	<i>Chait Talenall</i>	Date Considered	7/8/2006
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